

## Appendix B

### Certified Validation Report Template, Part A: Provided by Validator

**Audit Information:**

Water Supplier Name: Suburban Water Systems San Jose Hills

PWS ID: 1910205

System Type: Potable

Audit Period: Calendar Year 2019

Utility Representation: Paul DiMaggio

Validation Date: 09/30/2020

Call Time: 10:30am

Sufficient Supporting Documents Provided: Yes

**Validation Findings & Confirmation Statement:****Key Audit Metrics:**

Data Validity Score: 78 Data Validity Band (Level): Level IV (71-90)

ILI: 0.86

Real Loss: 13.60 gallons/connection/day

Apparent Loss: 6.92 gallons/connection/day

Non-revenue water as percent of cost of operating system: 3.7%

**Certification Statement by Validator:**

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

*If not, rejected recommendations are included here.*

**Validator Information:**

Water Audit Validator: Zhaohui Sun

Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

## Certified Validation Report Template, Part B: Provided by Utility

**Water Supplier Name:** Suburban Water Systems San Jose Hills

**Water Supplier ID Number:** 1910205

**Water Audit Period:** Calendar Year 2019

### **Water Audit & Water Loss Improvement Steps:**

Utility to provide steps taken in preceding 3 years to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Perform production meter tests more often: This will help improve the data validity score. While preparing this report, it was noted that a few production meters were not tested semi-annually.

Repair mains and service lines in a timely manner: This will reduce real losses. Suburban currently does this and will continue to do so. Leaks are usually identified by a customer calling in, employee's observations in the field or from SCADA alarms. Suburban responds to identified leaks as soon as possible. Suburban will continue to repair these leaks in a timely manner so that real losses are minimized as much as possible.

Proactive replacement of Pipes and Tanks: This will reduce real losses. Suburban currently replaces 1% of pipelines each year and performs routine reservoir inspections to inform preventative maintenance scheduling. Suburban will continue these practices to reduce real losses. Proactively replacing mains and refurbishing tanks that have a history of leaks avoids catastrophic failure and major water loss and reduces real losses.

Monitor overflows: This will help reduce real losses. Suburban currently does this and will continue to do so. Suburban monitors storage tank levels through its SCADA system 24/7/365 to ensure that water levels in a tank are not exceeding the overflow.

Monitor water loss on a monthly basis: This will help minimize apparent losses by identifying any issues in data handling early on and correcting these issues from month to month before they become a problem.

**Certification Statement by Utility Executive:**

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

CRAIG GOTT

Executive Position

PRESIDENT

Signature



Date

11/4/21

Utility Provided